

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-24 (Cancelled)

Claim 25 (Currently Amended) An The isolated nucleic acid of Claim 22 having at least 95% nucleic acid sequence identity to:

- (a) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42);
- (b) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;
- (c) ~~a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42);~~
- (d) ~~a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;~~
- (e)(c) the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41);
- (f)(d) the full length coding sequence of the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41); or
- (g)(e) the full length coding sequence of the cDNA deposited under ATCC accession number 209492;
wherein the isolated nucleic acid encodes a polypeptide that inhibits neoplastic growth in tumor cells.

Claim 26 (Currently Amended) An The isolated nucleic acid of Claim 22 having at least 99% nucleic acid sequence identity to:

- (a) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42);
- (b) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;

- (c) ~~a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42);~~
- (d) ~~a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;~~
- (e)(c) the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41);
- (f)(d) the full length coding sequence of the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41); or
- (g)(e) the full length coding sequence of the cDNA deposited under ATCC accession number 209492;
wherein the isolated nucleic acid encodes a polypeptide that inhibits neoplastic growth in tumor cells.

Claim 27 (Currently Amended) An isolated nucleic acid comprising:

- (a) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42);
- (b) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;
- (c) ~~a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42);~~
- (d) ~~a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;~~
- (e)(c) the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41);
- (f)(d) the full length coding sequence of the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41); or
- (g)(e) the full length coding sequence of the cDNA deposited under ATCC accession number 209492
wherein the isolated nucleic acid encodes a polypeptide that inhibits neoplastic growth in tumor cells.

Claim 28 (Currently Amended) The isolated nucleic acid of Claim 27 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ

ID NO: 42) wherein the isolated nucleic acid encodes a polypeptide that inhibits neoplastic growth in tumor cells.

Claims 29-31 (Cancelled)

Claim 32 (Currently Amended) The An isolated nucleic acid of Claim 27 comprising the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41).

Claim 33 (Currently Amended) The isolated nucleic acid of Claim 25 27 comprising the full length coding sequence of the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41).

Claim 34 (Currently Amended) The isolated nucleic acid of Claim 25 27 comprising the full length coding sequence of the cDNA deposited under ATCC accession number 209492.

Claim 35 (Currently amended) An isolated nucleic acid that hybridizes under high stringency conditions to:

- (a) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42);
- (b) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;
- ~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42);~~
- ~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;~~
- ~~(e)(c) the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41);~~
- ~~(f)(d) the full length coding sequence of the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41); or~~
- ~~(g)(e) the full length coding sequence of the cDNA deposited under ATCC accession number 209492;~~

wherein the isolated nucleic acid encodes a polypeptide that inhibits neoplastic growth in tumor cells.

Claim 36 (Currently Amended) The isolated nucleic acid of Claim 35, wherein said hybridization occurs under stringent high stringency conditions comprising:

50% formamide, 5 x SSC (0.75 M sodium chloride, 0.075 M sodium citrate), 50 mM sodium phosphate (pH 6.8), 0.1% sodium pyrophosphate, 5 x Denhardt's solution, sonicated salmon sperm DNA (50 µg/ml), 0.1% sodium dodecyl sulphate, and 10% dextran sulfate at 42°C, with washes at 42°C in 0.2 x SSC (0.75 M sodium chloride, 0.075 M sodium citrate) and 50% formamide at 55°C, followed by a high-stringency wash consisting of 0.1 x SSC (0.75 M sodium chloride, 0.075 N sodium citrate) containing EDTA at 55°C.

Claim 37 (Cancelled)

Claim 38 (Currently Amended) A vector comprising the nucleic acid of Claim 25 22.

Claim 39 (Previously Presented) The vector of Claim 38, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.

Claim 40 (Previously Presented) A host cell comprising the vector of Claim 38.

Claim 41 (Previously Presented) The host cell of Claim 40, wherein said cell is a CHO cell, an E. coli or a yeast cell.

Please add the following new claims:

Claim 42 (New) An isolated nucleic acid comprising a sequence that encodes a polypeptide of SEQ ID NO: 42 with conservative amino acid substitutions, wherein the polypeptide inhibits neoplastic growth in tumor cells.

Claim 43 (New) An isolated nucleic acid comprising a sequence that encodes a polypeptide of SEQ ID NO: 42 with 0-12 amino acid additions, deletions, or substitutions, wherein the polypeptide inhibits neoplastic growth in tumor cells.